

## Mathematics and English Language Arts/Literacy Tools for Assessment

The following questions are answered in this article:

1. Where can I find the calculator policy?
2. Are calculators embedded in the computer-based test for use during the calculator units (gr. 6–8 and HS), or are students expected to bring a calculator to the test?
3. How will students know to ask for a calculator when they get to the calculator sections of the mathematics assessments?
4. Are calculators with memory allowable during Mathematics assessments?
5. Will rulers and protractors be provided on the Mathematics assessments?
6. Are geometry tools allowed on the Mathematics assessments?
7. If schools do not have geometry tools that are listed in the Test Administration Manuals, do they need to purchase them?
8. Can students use Math Reference Sheets from a previous administration?
9. Can students practice with Mathematics reference sheets prior to testing?
10. May the English Language Arts/Literacy rubrics be provided to students during testing?

### **1. *Where can I find the Mathematics calculator policy?***

The calculator policy can be found in the *Test Coordinator Manual* and through the resource support site. Please refer to the policy for full guidance.

Allowable calculators include:

- Grades 3–5: No calculators allowed, except for students with an approved calculator accommodation
- Grades 6–7: Four-function calculators with square root and percentage functions
- Grade 8: Scientific calculators
- High school: Graphing calculators (with functionalities consistent with TI -84 or similar models)

### **2. *Are calculators embedded in the computer-based test for use during the calculator units (gr. 6–8 and HS), or are students expected to bring a calculator to the test?***

Calculators are embedded during the appropriate sections (i.e., calculator sections). Policy also allows students to use a hand-held calculator if they choose, which would need to be checked by the Test Administrator to make sure it meets the calculator policy requirements.

**3. How will students know to ask for a calculator when they get to the calculator sections of the mathematics assessments?**

For paper-based testing, directions in the Test Booklet will provide the following instructions after completion of the non-calculator section: “Raise your hand to receive your calculator before going on to the calculator section.” For computer-based testing, in-between the non-calculator and calculator sections, directions in TestNav remind students that if they are using a hand-held calculator, they must raise their hand and request the calculator from their Test Administrator.

**4. Are calculators with memory allowable during Mathematics assessments?**

Yes, calculators with memory are allowable as long as they meet the calculator policy and are grade-or course-appropriate. Test Administrators are responsible for ensuring the memory is clear on all calculators prior to and after administration.

**5. Will rulers and protractors be provided on the Mathematics assessments?**

Yes, for some grades, but only for paper-based testing. For computer-based testing, these tools will be available in TestNav8. The grade-specific policies are outlined below:

- **Grade 3:** Rulers are provided through the delivery platform for computer-based testing and in shipped materials for paper-based testing.
- **Grade 4–7:** Rulers and protractors are provided through the delivery platform for computer-based testing and in shipped materials for paper-based testing.
- **Grade 8:** Rulers are provided through the delivery platform for computer-based testing and in shipped materials for paper-based testing. Protractors are optional and allowable materials for Grade 8 Mathematics assessments. However, they will not be provided in shipped materials, as they are not required tools.
- **High School:** Rulers and protractors are optional and allowable materials for all high school Mathematics assessments. However, they will not be provided in shipped materials, as they are not required tools.

Mathematics tools policy can be found in the *Test Coordinator Manual* and through the resource support site.

**6. Are geometry tools allowed on the Mathematics assessments?**

For the Mathematics test administration, tracing paper, reflection tools, straight edges and compasses are allowable optional materials for the Grade 8, and Mathematics Assessment except for Algebra I and Algebra II. These tools are meant as allowable tools for students who use them in daily instruction and who may find them useful during administration.

Directions should be given to a Test Administrator to have the materials located in a predetermined location in the testing room. If schools allow students to bring their own tools, they must be given to the School Test Coordinator or Test Administrator prior to testing to ensure that the tools are appropriate for testing (e.g., tools do not have any writing on them).

**7. *If schools do not have geometry tools that are listed in the Test Administration Manuals, do they need to purchase them?***

No. These are meant as allowable tools for students who use them in daily instruction who may find them useful during administration. Though schools can provide them as useable materials, schools are not required to purchase these tools for the purposes of Mathematics assessments. Schools may also allow students to use their own geometry tools if they are first provided to the school prior to test administration to ensure there is no writing of any kind on them.

**8. *Can students use Math Reference Sheets from a previous administration?***

New Mathematics reference sheets will be provided for each test administration. Although reference sheets will have to be collected and re-used between units, schools will follow procedures for destroying the reference sheets after each administration

**9. *Can students practice with Mathematics reference sheets prior to testing?***

Yes. The Mathematics Reference Sheets are publicly available on the resource support site. However, only the reference sheets shipped to schools along with other testing materials are allowed during the paper-based administration of Mathematics assessments. In other words, reference sheets used in the classroom prior to testing are not allowed during testing.

**10. *May the English Language Arts/Literacy rubrics be provided to students during testing?***

No. Students may be provided access to the rubrics prior to the test for instructional purposes, but students are not permitted access to the rubrics during testing.